

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 7:03 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 1088 Const Calendar Day: 661 Date: 27-Mar-2014 Thursday

Inspector Name: Brignano, Bob Title: Transportation Engineer

Inspection Type:

Shift Hours: Break: Over Time:

Federal ID:

Location:

Reviewer: Schmitt, Alex Approved Date: Status: Submit

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather**

Temperature 7 AM

12 PM

4 PM

Precipitation

Condition partly cloudy

Working Day ☒ If no, explain:**Diary:**

Dispute

General Comments

CCO 314, SAMPLING AND TESTING A354 GRADE BD MATERIAL:

ABF Engineer Kelvin Chen is working part time in the field and office on CCO 314.

Work on setup of the Townsend Test (Test IV) test rigs for TR's 12 and 13 is ongoing. There are no ironworkers or operators from ABF working on CCO 314 today. ABF had other operations scheduled for their ironworker and didn't have anyone available for this work today. In the morning, the ironworkers for this operation were not at Pier 7 (working on a barge at the bridge) and ABF said that they would be back at the Pier 7 warehouse area in the afternoon and could be available then for CCO 314 work. The ironworkers (CJ Biskner, Jared Garrett, and Kyle Crowley) are back at the Pier 7 warehouse area in the afternoon, but they do not work at the CCO 314 area because they are doing other work at the Pier 7 warehouse.

As a result of rain showers in the last few days, because of the intentionally plugged DI per the approved SWPPP, water collected in the test rig area. The water was tested by ABF yesterday and the approval was given by CT yesterday to pump the water to the next DI per the approved SWPPP today. Note that the lake has some oil on the surface as a consequence of the recent work in the area, and that will need to be addressed. Today, laborer Carlos (Pedro) Garcia works between about 0800 and 1200 at the test rig area addressing the water. Setup of the pumps at low spot is followed by the start of pumping at about 0815. While the water is being pumped from the low spot, the oil sheen on the surface is collected with a shop vac and placed in 55-gallon drums for later disposal. The water lake is completely pumped off to the next DI by about 1000. However, the laborer continues work at this location until noon to put away the pumps and hoses and to continue addressing oil on the ground in the test rig area, including use of a shop vac and absorbent pads.

On site today from VGO are Dave Van Dyke, Rob Rutledge, and Nick Buck. VGO arrives on site at 0800 and they leave the site in the early afternoon to work offsite, because there is no necessary on-site work by VGO with ABF ironworkers not working here today. Also today, Dave Van Dyke flies out of the Bay Area this afternoon.

VGO primarily works today on the program to collect the data, add the calculated channels, and produce plots for the two times a day reports for TR's 12 & 13. Also today, there is continued work on the programming and checking of the system for automatically sending a limited number of email notifications when a rod breaks. This is so that at least some people will know if a rod breaks during off hours.

The two washers with the machined notch for TR's 12 & 13 for venting NaCl Solution and trapped air need



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to be touchup painted. The plan was for touchup paint, but because most of the surface on the washers need touchup painting, and the applied paint will be different product that that applied originally to these washers, there was a discussion yesterday with CCC, CT-METS, and me that blasting followed by a completely new application of paint is appropriate. Since the material will be blasted, we decided yesterday that inorganic zinc is appropriate instead of the touchup organic zinc paint planned originally. Then today, we discuss the use of organic zinc paint instead of inorganic zinc paint so that the washers will be available for use by ABF earlier (ready by tomorrow). Present from CCC are CCC QC Juan Martinez and Painter Ernesto Solon. The washers are blasted, inspected, and painted this morning. zinc rich epoxy primer Interzinc 52 is used. The work starts about 0700 and is complete about 0900. Then the painter travels to the jobsite for the remainder of his shift.

A generator – Whisperwatt 7000 – ABF ID 002343 is on idle/standby at the work area, except for about half a day when water is being pumped. Two water pumps are used. An oxyacetylene torch is on idle/standby at the work area. A compressor – IR P185R ABF ID 002078 is on idle/standby at the work area. A Kubota Cart is used for part of the day.

Note that there is k-rail at this work area. Some of the k-rail is rented and addressed by the rental agreement. Some of the k-rail is ABF's k-rail used on site and paid as rented from ABF on a daily basis. To elevate the k-rail, crane mats and timber blocking (12x12's) are in use. The k-rail quantities are as follows:

10' bought k-rail = 20 pieces

10' ABF k-rail = 4 pieces

20' rented k-rail = 16 pieces

20' ABF k-rail = 19 pieces

Note that this includes three 20' ABF k-rail between the CCO 314 work area and FW Spencer's yard, with that k-rail being in place prior to the CCO work and not related to CCO 314.

The agreed extra work with ABF is as follows:

Engineer Kelvin Chen - 1 hr

Laborer Carlos (Pedro) Garcia - 4 hrs

Radio (1 radio) - 4 hrs

Pump - 4 hrs

110 kW Generator - 4 hrs

Kubota Cart - 4 hrs

k-rail: 16 pcs @20' and 4 pcs @10'

Crane Mats (12x12 - 5'x16') - 4 pcs

Crane Mats (12x12 - 5'x7') - 2 pcs

Crane Mats (12x12 - 5'x8') - 11 pcs

See the attached Extra Work Order - Signed with ABF for CCO 314 work

The agreed extra work with CCC is as follows:

Painter Ernesto Solon – 2 hrs

375 CFM Compressor – 1 each

600 lb Blast Pot – 1 each

Abrasive – 3 sacks

See the attached Extra Work Order - Signed with CCC for CCO 314 work